

SEARCH REQUEST FORM**Scientific and Technical Information Center**

Requester's Full Name: Luther, William Examiner #: 72-316 Date: 6/30/03
 Art Unit: 2664 Phone Number 305-6609 Serial Number: _____
 Mail Box and Bldg/Room Location: PK 2 3014 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

US 5,276,679

STAFF USE ONLY		Type of Search	Vendors and cost where applicable
Searcher:	<u>KES</u>	NA Sequence (#)	STN _____
Searcher Phone #:	_____	AA Sequence (#)	Dialog _____
Searcher Location:	_____	Structure (#)	Questel/Orbit _____
Date Searcher Picked Up:	<u>6/30/03</u>	Bibliographic	Dr. Link _____
Date Completed:	<u>6/30/03</u>	Litigation	Nexis/Nexis _____
Searcher Prep & Review Time:	_____	Fulltext	Sequence Systems _____
Clerical Prep Time:	_____	Patent Family	WWW/Internet _____
Online Time:	<u>26</u>	Other	Other (specify) _____

Query/Command : prt max legalall

I / I PLUSPAT - ©QUESTEL-ORBIT - image

PN - US5276679/A 19940104 [US5276679]
TI - (A) Method for maintaining channels and a subscriber station for use in an ISDN system
PA - (A) US WEST ADVANCED TECH INC (US)
PA0 - U.S. West Advanced Technologies, Inc., Boulder CO [US]
IN - (A) MCKAY THOMAS D (US); SHELBY JAMES C (US); SIEBRING MARTIN D (US)
AP - US83460592 19920212 [1992US-0834605]
PR - US83460592 19920212 [1992US-0834605]
IC - (A) H04J-003/22
EC - H04J-003/16A4S
H04M-001/253
H04Q-011/04S1T
ICO - T04Q-213/050
T04Q-213/093
T04Q-213/201
T04Q-213/208
T04Q-213/332
T04Q-213/392
PCL - ORIGINAL (O) : 370358000; CROSS-REFERENCE (X) : 370503000 370542000
DT - Basic
CT - USH586000; US4387271; US4688168; US4703475; US4748656; US4763319; US4827409;
US4829227; US4866703; US4870641; US4878216; US4914574; US4937734; US4970723;
US4985891; US4996685
STG - (A) United States patent
AB - A method and at least one subscriber station utilizes a software package in combination with at least one terminal adapter which links ISDN circuit-switched channels, such as "B", "H0", "H10", "H11" and the like, into a single logical connection and synchronizes the linked channels in an ISDN system. The station allows a subscriber to dynamically select various bandwidths (i.e. different channels) for data transfer, such as text or graphics. The software package and, preferably, multiple terminal adapters, reside on a personal computer and also permits simultaneous messaging and voice functions between several such subscriber stations. Any number of logical channels can be managed. ISDN data is segmented based on the channel's respective data rates and thereafter simultaneously sent on the channels of the logical connection. ISDN data is consequently transferred at a rate greater than the rate available on any single ISDN channel.

I / I LGST - ©LEGSTAT

PN - US 5276679 [US5276679]
AP - US 834605/92 19920212 [1992US-0834605]
DT - US-P
ACT - 19920212 US/AE-A
APPLICATION DATA (PATENT)
US 834605/92 19920212 [1992US-0834605]

19920212 US/AS02
ASSIGNMENT OF ASSIGNEE'S INTEREST

U S WEST ADVANCED TECHNOLOGIES, INC. A CORP. OF COLORADO 4001
DISCOVERY DRIVE BO * MCKAY, THOMAS D. : 19920206; SHELBY, JAMES C. :
19920207; SIEBRING, MARTIN D. : 19920205

19940104 US/A
PATENT

19970708 US/RF
REISSUE APPLICATION FILED
960104

UP - 1999-13

1/1 CRXX - ©CLAIMS/RRX

PN -  5,276,679 A 19940104 [US5276679]
PA - U S West Advanced Technologies Inc
ACT - 19960104 REISSUE REQUESTED
Issue Date of O.G.: 19970708
Reissue Request Number: 08/582680
Examination Group responsible for Reissue process: 2603

19980529 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: U S WEST ADVANCED TECHNOLOGIES, INC. DATE SIGNED: 05/27/1998

Assignee: U S WEST, INC. SUITE 480, 7800 E. ORCHARD ROAD LAW DEPARTMENT,
INTELLECTUAL PROPERTY GROUP ENGLEWOOD, COLORADO 80111

Reel 009197/Frame 0311

Contact: U S WEST, INC., LAW DEPARTMENT STEPHEN F. JEWETT SUITE 480, 7800 E.
ORCHARD ROAD ENGLEWOOD, CO 80111

19980707 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: MEDIAONE GROUP, INC. DATE SIGNED: 06/12/1998

Assignee: U S WEST, INC. 1801 CALIFORNIA STREET DENVER, COLORADO 80202
MEDIAONE GROUP, INC. 188 INVERNESS DRIVE WEST ENGLEWOOD, COLORADO
80112

Reel 009297/Frame 0308

Contact: U S WEST, INC. STEPHEN F. JEWETT LAW DEPT., INTELLECTUAL
PROPERTY GROUP 7800 EAST ORCHARD ROAD, SUITE 480 ENGLEWOOD, CO 80111

19980707 REASSIGNED
CHANGE OF NAME

Assignor: U S WEST, INC. DATE SIGNED: 06/12/1998

Assignee: MEDIAONE GROUP, INC. 188 INVERNESS DRIVE WEST ENGLEWOOD,
COLORADO 80112

Reel 009297/Frame 0442

Contact: U S WEST, INC, STEPHEN F. JEWETT 7800 EAST ORCHARD ROAD, SUITE 480
ENGLEWOOD, CO 80111

20000724 REASSIGNED
MERGER

Assignor: U S WEST, INC. DATE SIGNED: 06/30/2000

Assignee: QWEST COMMUNICATIONS INTERNATIONAL INC. 1801 CALIFORNIA
STREET DENVER, COLORADO 80202

Reel 010814/Frame 0339

Contact: QWEST COMMUNICATIONS INTERNATIONAL INC. PETER J. KINSELLA LAW
DEPARTMENT, INTEL PROPERTY GROUP 1801 CALIFORNIA STREET, SUITE 5100
DENVER, COLORADO 80202

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5276679

<=1> GET 1st DRAWING SHEET OF 20

January 4, 1994

Method for maintaining channels and a subscriber station for
use in an ISDN system

REISSUE: Reissue Application filed Jan. 4, 1996 (O.G. Jul. 8, 1997) Ex. Gp.:
2603; Re. S.N. 08/582,680, (O.G. July 8, 1997)

APPL-NO: 834605 (07)

FILED-DATE: February 12, 1992

GRANTED-DATE: January 4, 1994

LEXIS-NEXIS
Library: PATENT
File: ALL

5,276,679 OR 5276679

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,276,679 OR 5276679

LEXIS-NEXIS
Library: PATENT
File: JNLS

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,276,679 OR 5276679

LEXIS-NEXIS
Library: NEWS
File: CURNWS

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200325
(c) 2003 EPO

Set	Items	Description
---	---	-----
? s pn=us	5276679	
	S1	1 PN=US 5276679
? t	1/39/1	

1/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat
(c) 2003 EPO. All rts. reserv.

11555308

Basic Patent (No,Kind,Date): US 5276679 A 19940104 <No. of Patents: 001>
Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
US 5276679	A	19940104	US 834605	A	19920212 (BASIC)

Priority Data (No,Kind,Date):

US 834605 A 19920212

PATENT FAMILY:

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5276679 A 19940104

METHOD FOR MAINTAINING CHANNELS AND A SUBSCRIBER STATION FOR USE IN AN
ISDN SYSTEM (English)

Patent Assignee: US WEST ADVANCED TECH INC (US)

Author (Inventor): MCKAY THOMAS D (US); SHELBY JAMES C (US);
SIEBRING MARTIN D (US)

Priority (No,Kind,Date): US 834605 A 19920212

Applic (No,Kind,Date): US 834605 A 19920212

National Class: * 370084000; 370100100

IPC: * H04J-003/22

Derwent WPI Acc No: ; G 94-016341

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5276679	P	19920212	US AE	APPLICATION DATA (PATENT)
				(APPL. DATA (PATENT))
			US 834605	A 19920212

US 5276679	P	19920212	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
				U S WEST ADVANCED TECHNOLOGIES, INC. A CORP. OF COLORADO 4001 DISCOVERY DRIVE BO ; MCKAY, THOMAS D. : 19920206; SHELBY, JAMES C. :
				19920207; SIEBRING, MARTIN D. : 19920205

US 5276679	P	19940104	US A	PATENT
------------	---	----------	------	--------

US 5276679	P	19970708	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 960104
------------	---	----------	-------	--